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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/10/052,486

DATE: 04/25/2002
 TIME: 14:50:04

Input Set : A:\271_082.ST25.txt
 Output Set: N:\CRF3\04252002\J052486.raw

ENTERED

3 <110> APPLICANT: LIN, Shi-Lung
 5 <120> TITLE OF INVENTION: GENE SILENCING USING SENSE DNA AND ANTISENSE RNA HYBRID
 CONSTRUCTS
 7 <130> FILE REFERENCE: 271/082
 9 <140> CURRENT APPLICATION NUMBER: 10/052,486
 10 <141> CURRENT FILING DATE: 2002-01-18
 12 <150> PRIOR APPLICATION NUMBER: 60/351,183
 13 <151> PRIOR FILING DATE: 2001-11-12
 15 <160> NUMBER OF SEQ ID NOS: 5
 17 <170> SOFTWARE: PatentIn version 3.1
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 57
 21 <212> TYPE: DNA
 22 <213> ORGANISM: Artificial sequence
 24 <220> FEATURE:
 25 <223> OTHER INFORMATION: beta-catenin-antisense promoter-linked primer
 27 <400> SEQUENCE: 1
 28 ccagtgaatt gtaatacgac tcactatagg cgctctgaag acagtctgtc gtgatgg 57
 31 <210> SEQ ID NO: 2
 32 <211> LENGTH: 24
 33 <212> TYPE: DNA
 34 <213> ORGANISM: Artificial sequence
 36 <220> FEATURE:
 37 <223> OTHER INFORMATION: beta-catenin-sense primer
 39 <400> SEQUENCE: 2
 40 atggcaaccc aagctgactt gatc 24
 43 <210> SEQ ID NO: 3
 44 <211> LENGTH: 24
 45 <212> TYPE: DNA
 46 <213> ORGANISM: Artificial sequence
 48 <220> FEATURE:
 49 <223> OTHER INFORMATION: A sense primer for construction of a RNA/DNA hybrid targeting
 HIV
 51 <220> FEATURE:
 52 <221> NAME/KEY: modified_base
 53 <222> LOCATION: (6)..(6)
 54 <223> OTHER INFORMATION: I
 57 <220> FEATURE:
 58 <221> NAME/KEY: misc_feature
 59 <222> LOCATION: (6)..(6)
 60 <223> OTHER INFORMATION: modified base: inosine
 63 <220> FEATURE:
 64 <221> NAME/KEY: modified_base
 65 <222> LOCATION: (8)..(8)

66 <223> OTHER INFORMATION: I

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69 <220> FEATURE:
 70 <221> NAME/KEY: misc_feature
 71 <222> LOCATION: (8)..(8)
 72 <223> OTHER INFORMATION: modified base: inosine
 75 <220> FEATURE:
 76 <221> NAME/KEY: modified_base
 77 <222> LOCATION: (10)..(10)
 78 <223> OTHER INFORMATION: I
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 82 <221> NAME/KEY: misc_feature
 83 <222> LOCATION: (10)..(10)
 84 <223> OTHER INFORMATION: modified base: inosine
 87 <220> FEATURE:
 88 <221> NAME/KEY: modified_base
 89 <222> LOCATION: (12)..(12)
 90 <223> OTHER INFORMATION: I
 93 <220> FEATURE:
 94 <221> NAME/KEY: misc_feature
 95 <222> LOCATION: (12)..(12)
 96 <223> OTHER INFORMATION: modified base: inosine
 99 <400> SEQUENCE: 3

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24

103 <210> SEQ ID NO: 4

104 <211> LENGTH: 80

105 <212> TYPE: DNA

106 <213> ORGANISM: Artificial sequence

108 <220> FEATURE:

109 <223> OTHER INFORMATION: Partial Mus musculus tyrosinase (tyr) sense DNA (sDNA)
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111 <400> SEQUENCE: 4

112 gtgctcaggc aacttcattg gtttcaactg cggaaactgt aagtttgat ttgggggccc 60

114 aaattgtaca gagaagcgag 80

117 <210> SEQ ID NO: 5

118 <211> LENGTH: 80

119 <212> TYPE: RNA

120 <213> ORGANISM: Artificial sequence

122 <220> FEATURE:

123 <223> OTHER INFORMATION: complementary antisense RNA (aRNA) to SEQ ID.4

125 <400> SEQUENCE: 5

126 cucgcuucuc uguacaauuu gggcccccaa auccaaacuu acaguuuuccg caguugaaac 60

128 ccaugaaguu gccugagcac 80

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/052,486

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 6,8,10,12